

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 6,870,454
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INVENTOR(S) : Mihai Vladimirescu and Regina Kwiatkowski

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, line 66, the reference numeral "16" has been changed to --18--, so that the line reads --18 and armature rod 12 permits actuator 10 to smoothly--.

Column 10, line 1, the reference numeral "BB" has been changed to --8B--, so that the line reads --FIGS. 8A and 8B illustrate just one example implementation--.

Column 10, line 33, claim 1, the phrase "tubular portion:" has been changed to --tubular portion;--, so that the line reads --of the hollow tubular portion;--.

Column 10, line 55, claim 1, the phrase "said shield at" has been changed to --said shield at--, so that the line reads --substantially outside said shield at the second stroke and--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

BERESKIN & PARR LLP/S.E.N.C.R.L., s.r.l.

Box 401, 40 King Street West

Toronto, Ontario, M5H 3Y2, Canada

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